

The furnishinigs of a Samoan house

gathered from the hillsides. The floor

fifteen to twenty feet in length, are

As the Samoans have no nails they

very serviceable kind of fiber cord.

The old men collect a quantity of co-

coanut fiber, which they roll between

hand and knee to the thickness of

ordinary cotton string, after which

of binding and lashing the roof to-

Then sugar-cane leaves are gath

When a sufficient number of these

them after the method of shingling a

house, allowing the eaves to extend

A Samoan house has the advantage

O LITTLE has been written of and cat calls. On the other hand, if the Samoan islands that many you submit to extortion rather than American citizens are not even take any unworthy advantage over aware that to the United States an ignorant savage, you will be ingovernment belongs the finest vited to come again. coaling station, at one of the most strategic points in the south seas.

year 1899, the two rival factions of spread upon the coral ficor. When a rees and especially the removal of Samoa, the "Tumua," or party led by Samoan wishes to build a house he lead branches reveals the tunnels of Chief Mataafa, and the Matua, or par- utilizes the services of all his "aigas," the leopard moth larva, which is a ty led by Chief Malietoa, held a or relatives, and everything is manu-"fono" or mass meeting at Apia, on factured from the crude material many species of broad-leaved trees.

Both Mataafa and Malietoa aspired plan of the house is of an oval shape. to the throne of Samoa, and the ob- This space is leveled off and covered ject of this meeting was to settle the with broken bits of coral which are that the insect is doing much injury dispute and place the rightful king on gathered in abundance on the beach, the throne, writes Eugene D. Park, by the women. Surrounding this Jr., ycoman, U. S. N., in Los Angeles floor space a set of poles are secured Times. The decicion, when rendered, in an upright position, reaching to a declared Malieton to be the reigning height of about six feet. In the cenking of Samoa, and this decision was ter two or three large upright poles, upheld by the United States, Ger- usually about one foot in diameter by many and England.

Mataafa now became hostile, and secured, and from these to the tops fell back with his followers, the Tu. of the outer supports the framework mua faction. After this ensued the of the roof is built. engagements between the United States, Germany and England with have devised a method of making a Malietoa on the one side and Mataafa and his rebels on the other.

The trouble was finally brought to an end and adjusted through a commission sent by the three countries and the representative from the Uni. they braid and splice it together into ted States must have been a splendid great rolls. These rolls are cut from diplomat to have secured Tutuila, as needed. This, then, is the means This commission conceded to Germany the island of Upolu, on whose gether and securing it to the uprights. shores the town of Apia is situated, to England was given the Island of ered, doubled, laced, braided and fin-Savall, which Germany later gained ished into little mats, about three possession of in exchange for her feet long by fifteen inches wide. treaty rights to Tonga, and for the United States was obtained the are ready the roof is thatched with falands of Tutuila and Manua.

Whatever attraction Manua had I do not know, but in getting posses- over a distance of two feet. This sion of Tutuila the United States se. forms a most efficient protection becured the prize grab of Neptune's tween the Samoan and his country's south sea collection, for here is lo. prodigious rainfall. cated the navigable and land-locked harbor of Pago-Pago; in fact, it is over an American home, inasmuch as the only harbor in Samoa where a it can be opened on all sides or on vessel could seek adequate protection any one side at the discretion of the made. Take a piece of timber six by speed and size of pulley on en-

from storms.

tiful aspect, one which is simultaneously grand, awe-inspiring, quaint rounded by high mountains, the har- and letting it drop. bor seems like the gigantic crater of some extinct volcano which, in its narrow channel to the Pacific, allowing that peaceful old mother of oceans to sweep in and put an end to all volcanic disturbances.

Along the entire distance around the shore can be seen groups of native houses, rearing themselves pillows. against a background of towering hills, whose sides present the aspect of an impenetrable jungle.

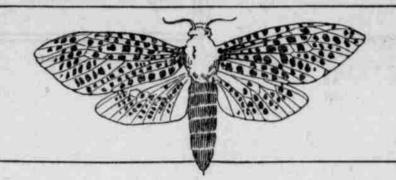
Tutuila one is both surprised and are fastened along the tops of the pleased at his reception by the na- two sides and through these loops tives. Their hospitality seems un- two cords are stretched, allowing sevbounded. As you walk by any Sa- eral feet extra at each end of the moan house you are cordially invited to enter. A clean mat will be spread sides of the house, at a level with the for you to sit cross-legged upon, you tops of the uprights, thereby suspendwill be treated to the best that the ing the "tainamu" directly over the house affords, and usually the maid sleeping mats. During the day the of the house will make you a bowl of sleeping mats are rolled up and sat kava, the national drink.

praised until you imagine that you taut top. The sleeping mats differ are the original bale of virtues, your from those used during the day, in glowing opinion of the Samoan's keen asmuch as they are softer, finer insight into human nature and your woven and much larger. first impressions of his noble hospitallty are rudely nipped in the bud minds me of the days of the Spanish by finding that all his attentions and inquisition, but custom and natural praises were simply a commercial inclination have taught the Samoan transaction on his part, for he fully to "lay me down and sleep" in any expects you to reimburse him two for old place and at any old time. To one for every little trouble he may make these pillows, a piece of have gone to to enteriain you, and straight bamboo about two feet by

for many that he has not. If you should fall to "come across" not hesitate to tell you about your de. an inverted "V." The pillow is then standards of hospitality, which your about forty-five degrees from the you to aphold, these hospitable Sa- Samoan, but I think an American moans will accompany your disorder- used to bodily comforts when he doely retreat with derisive exclamations rest, would prefer some scrap iron.

LEOPARD MOTH MOST INJURIOUS OF INSECTS

Pronounced as One of Worst Pests Attacking Shade Trees-Accidentally Introduced Into This Country From Europe.



Female Leopard Moth.

A brief note was printed in the last eport of this station regarding the ocsurrence of the leopard moth in Connecticut. Since this note was pubished considerable evidence has been brought to our attention of serious are simple in the extreme, and during famage to shade trees, especially Dating back to the early part of the the day consist only of rough mats sims, by this insect. Pruning of the porer in the branches and trunks of Several specimens of the adult moths have been captured in New Haven, but it was not known until recently 'o the trees in Connecticut.

> The leopard moth is a European pest, and like many other very injurious insects that we now have to fight, York city, and in 1894 pronounced it the borers therein. of the worst insect pests attackland, then superintendent in charge etts, called attention to its presence destroyed wherever found

By W. E. BRITTON, Ph. D., Entomolo-gist, Connecticut Agricultural Ex-periment Station.) in Boston, During 1909 the writer was informed of its occurrence in Providence R. I. and also that many Providence, R. I., and also that many of the fine elms of Cambridge, Mass., were threatened with destruction by this insect. The leopard moth is reported by Professor Smith as occurring as far south as Long Branch, N. J. As it first appeared in Hoboken, N. J., it will be seen that like many other European insects introduced into this country it has spread northward much more rapidly than in any other direc-

The position of the caterpillars tunneling in the branches, especially when they are in the tops of large trees, render them exceedingly difficult to reach. If the trees are pruned or otherwise gone over systematically ever year or two the burrows will certainly be detected and can be treated by injecting a few drops of carbon was accidentally introduced into this disulphide from an oil can into each country, being first noticed in June, and closing the opening with clay, put-1881, at Hoboken, N. J. Three years ty, grafting wax or newly made hard later Dr. E. B. Southwick found it in. soap. The polsonous fumes penetrate juring trees in Central park, New throughout the galleries and will kill

Wilting branches indicate the presing shade trees. The leopard moth ence of the borers and should be rewas soon found in other cities near moved and destroyed. All twigs and New York, and in 1907 Mr. A. H. Kirk- limbs that break off during storms should be gathered and burned, thus of the work of suppressing the gypsy destroying many of the borers in their and browntail moths in Massachus- tunnels. All female moths should be

Doll House Library A search for a child's short story, "The Griffin and the Minor Canon," in a volume all by itself revealed to a persistent city shopper the thought and money that are expended on the furnishing of dolls' houses. Book stores had not the story in a single

volume, but in a department store one young woman interviewed had recently been transferred from the toy department and was able to contribute a helpful hint.

"I think," she said, "you can find it in one of the dolls' houses downstairs." Curiosity had by that time become a sauce to literature, so the shopper huvried downstairs to inspect the doll houses. Three of the most expensive houses contained libraries consisting of a score of diminutive books and each book contained a child's story complete. One of them was "The Griffin and the Minor Canon."

TEN YEARS OF SUFFERING Restored at Last to Perfect Health by Donn's Kidney Pills.

Mrs. Narcissa Waggoner, Carterville, Ill., says: "For over ten years I suffered terribly with backaches, headaches, nervous and dizzy spells. The secretions were unnatural and gave me great trouble. One day I sud-denly fell to the floor, where I lay for a long time uncon-scious. Three doc-

scious. tors who treated me diagnosed my case as paralysis and said they could do nothing more for me. As a last resort, I began using Doan's Kidney Pills and was permanently cured. I am stronger than before in years."
Remember the name—Doan's.

For sale by all dealers. 50 cents a ox. Foster-Milburn Co., Buffalo,

TUBERCULOSIS IN THE PRISON

Per Cent. of Suffering Is Enormous and There Seems but One Remedy.

From several investigations that have been made by the National Association for the Study and Prevention of Tuberculosis it is estimated that on an average about 15 per cent, of the prison population of the country is afflicted with tuberculosis. On this basis, out of the 80,000 prisoners housed in the penal institutions mental fatigue and quench your thirst of the United States at any given delightfully. At soda fountains or time, no less than 12,000 are infected carbonated in bottles-5c everywhere. with the disease. If the Philippine Delicious, refreshing and wholesome. islands and other insular possessions Send to the Coca-Cola Co., Atlanta, were taken into consideration the Ga., for their free booklet "The Truth number would be much larger. Some About Coca-Cola." Tells what Cocaof the prisons of Pennsylvania, Kan- Cola is and why it is so delicious, resas and Ohio show such shocking con- freshing and thirst-quenching. And ditions with reference to tuberculosis that many wardens admit that these ball Record Book for 1910-contains places of detention are death traps. Similar conditions could be found in records, schedules for both leagues almost every state, and in the major and other valuable baseball informaity of cases the only sure remedy is don compiled by authorities. the destruction of the old buildings and the erection of new ones

LEG A MASS OF HUMOR

"About seven years ago a small ankle to the knee was one solid scale unfortunate. ike a scab. The irritation was always known man on the desert in a frightme to sleep, or my wife either, and it ful condition. He was in the last was completely undermining our health. I lost fifty pounds in weight and was almost out of my mind with crazed, with his tongue swollen enorpain and chagrin as no matter where the irritation came, at work, on the street or in the presence of company, would have to scratch it until I had the blood running down into my shoe. I simply cannot describe my suffering during those seven years. The pain, mortification, loss of sleep, both to myself and wife is simply indescribable on paper and one has to ex-

perience it to know what it is. "I tried all kinds of doctors and rem edies but I might as well have thrown my money down a sewer. They would dry up for a little while and fill me with hope only to break out again just as bad if not worse. I had given up hope of ever being cured when I was induced by my wife to give the Cuticura Remedies a trial. After taking the Cuticura Remedies for a little while I began to see a change, and after taking a dozen bottles of Cutithe Cuticura Soap and Cuticura Oint-

And They Wondered! Judge Nicholas Longworth, who used to sit on Ohio's supreme bench, looked unnaturally grave, and a neighbor, in recognition of his facial depression named a pet owl "Judge Longworth." It was the very next day that an ex cited maid broke up his wife's garden Judge Longworth has laid an

Important to Mothers
Examine carefully every bottle of CASTORIA, a safe and sure remedy for infants and children, and see that it Bears the Signature of Cat Hillichin.
In Use For Over 30 Years. The Kind You Have Always Bought

bed tempts fate.

The lamb that plays around a min

Armour's Fertilizers

Increase the yield-Improve the quality-Enrich the soil. Every harvest proves it. Can you afford to risk your wheat? Be safe.

Armour's Fertilizers

grow the biggest crops. Ask your dealer.

Armour Fertilizer Works Chicago

SOMETIMES.



Henderson-When a man marries he keeps his wife in dresses, hats, shoes-in fact, everything she needs. What does a wife keep her husband

Henpeck (absently)-Hot water.

Try This, This Summer. The very next time you're hot, tired or thirsty, step up to a soda fountain and get a glass of Coca-Cola. It will cool you off, relieve your bodily and send 2c stamp for the Coca-Cola Basethe famous poem "Casey At The Bat,"

in the Desert.

Here is a glimpse of the horrors of a western desert taken from the Goldfild (Nev.) News: "Another desert victim is reported, and Archie Campabrasion appeared on my right leg bell, manager of the Last Chance just above my ankle. It irritated me mining property, near Death valley, so that I began to scratch it, and it began to spread until my leg from my deavor to establish the identity of the

of clothing, sunburned, blistered and mously, a pitiable object, and unable to speak.

"He was tenderly conveyed to camp but kind aid came too late, for an hour after he had absorbed the first cup of water he expired."

Another Tradition Exploded. Two Englishmen were resting at the 'Red Horse Inn" at Stratford-on-Avon. One of them discovered a print picturing a low tumbling building underneath which was printed: "The House in Which Shakespeare Was Born.' Turning to his friend in mild surprise he pointed to the print. His friend exhibited equal surprise, and called a waiter, who assured them of the accuracy of the inscription.

'Pon my word," said the observing Englishman, shaking his head dublously, "I thought he was born in a manger!"-Success Magazine

The Summer Girl. "How'd you like to be engaged to a

millionaire?" "I was engaged to one all last sum mer, and he seldom spent a dime. I want to be engaged to a young man who is down here for two weeks with about \$300 in his roll."

Force of Habit. Little Girl-Mummy! (No answer.) Mummy! Are those swallows!" Mummy (deep in her book)-Yes, dear. Don't touch them.-Punch.

Mrs. Winslow's Soothing Syrup.

Statistics are almost as unsatisfactory as facts are stubborn.

The Bad Effects of CONSTIPATION

Impure blood, offensive breath, heavy head, shortness of breath, bilious attacks, fitful sleep, loss of appetite, feverish conditions, all come from one cause—Constipation.

The Good Effects of BEECHAM'S

remedy these conditions because they remove the cause. They start the bowels, work the liver, sweeten the breath, cleanse the blood, tone the stomach, clear the head, improve the appetite and bring restful sleep.

The oldest and best corrective medicine before the public is Beecham's Pills.

Sold Everywhere. In bexes 19c, and 25c.

REE Send postal for Free Package of Paxtine. Better and more economical than liquid antiseptics FOR ALL TORLET USES.

TOILET ANTISEPTIC Gives one a sweet breath; clean, white germ-free teeth—antiseptically clea



Murder!

One gets it by highway men-Tens of thousands by Bad Bowels-No difference. Constipation and dead liver make the whole system sick - Everybody knows it-CASCARETS regulatecure Bowel and Liver troubles by simply doing nature's work until you got well-Millions use CASCARETS, Life Saver!

CASCARETS not a box for a week's treatment, all druggiats. Biggest seller in the world. Million bexes a month.







DEFIANCE Cold Water Starch

W. N. U., DETROIT, NO. 34-1910.



feast. the storage of personal property, the furnishings consist only of the prerequisites of peaceful slumber,

namus," sleeping mats, and bamboo

A "tainamu" is a mosquito protection, box shaped and about 61/2 feet in length by four feet in width by When ashore for the first time in six feet in height. To this small loops "tainamu" to extend and tie to the aside and the bottom of the "taina-After you have been feted and mu" is twisted and thrown over the

The bamboo pillow strongly rethree inches in diameter is obtained. into which are driven two small with the expected filthy lucre he will pegs at each end in the manner of ficiency, and after that, if you are complete and when used in sleeping still going to stick to the established throws the neck into an angle o mistaken father and mother taught body. This may be comfortable to a

om storms.

This harbor is commodious enough floor space are set at a distance of timber six by five inches square, cut than four inches in face and sheet of the six or five by five inches square, cut than four inches in face and should have not less This harbor is commodious enough to shelter a feet and the Pacific fleet, about 2½ feet apart and a curtain seven cruisers and seven torpedo is formed for each individual space of about 2½ feet apart and a curtain is formed for each individual space of about 2½ feet apart and a curtain is formed for each individual space of about 20 feet apart and a curtain is formed for each individual space of about 20 feet apart and a curtain is formed for each individual space of about 20 feet apart and a curtain is formed for each individual space of about 20 feet apart and a curtain is formed for each individual space of about 20 feet apart and a curtain is formed for each individual space of about 20 feet apart and a curtain is formed for each individual space of about 20 feet apart and a curtain is formed for each individual space of about 20 feet apart and a curtain is formed for each individual space of about 20 feet apart and a curtain is formed for each individual space of about 20 feet apart and a curtain is formed for each individual space of about 20 feet apart and a curtain is formed for each individual space of about 20 feet apart and a curtain is formed for each individual space of about 20 feet apart and a curtain is formed for each individual space of about 20 feet apart and a curtain is formed for each individual space of about 20 feet apart and a curtain is formed for each individual space of about 20 feet apart and a curtain is formed for each individual space of about 20 feet apart and a curtain is formed for each individual space of about 20 feet apart and a curtain is formed for each individual space of about 20 feet apart and a curtain is formed for each individual space of about 20 feet apart and a curtain is formed for each individual space of about 20 feet apart and a curtain is formed for each individual space of about 20 feet apart and a curtain is formed for each individual space of about 20 feet apart and a curtain is formed for each individual space of about 20 feet apart and a curtain is form inconvenience. Since a ship must be similar to the thatching mats except out of flat iron about one-eighth of an work in, using a plank for bottom

MIXING CEMENT AND SAND

boats, rode at anchor here without thus created by using small mats, the blacksmith make about 80 wings Make final struggle for existence, expired is generally the custom to celebrate a piece of gas pipe will do. Head end ply water. Use measures of proporwith one last rend which tore out a the completion with a "fin-fia," or of the shaft must be fastened secure tionate size. A boy puts in a measly. Or bore a hole through end of ure of cement to a man's measure of Aside from chests, boxes, etc., for cylinder and through shaft and fasten sand, pouring in slowly together. with a bolt. On outer end of this shaft Regulate water by faucet, and the mafasten securely a pulley ten or more chine will do the rest.

A good concrete mixer can easily be | inches

allowed enough floating space to that these are made of cocoanut inch thick and two inches wide. Cut just wide enough so wings work free. swing completely around her anchor leaves instead of sugar cane. These the pieces four inches long, cutting Use 12-inch boards on sides. Leave with the change of tide, it can be little mats are arranged over the about miter slant at each end. Drill top open. Put in head at each plainly seen that the harbor of Pago. openings in such a manner that they two holes about one and one-half end, boring hole in center of foot end Pago is a valuable aid to the United overlap and will readily fold up shut- inches from one end, bent strips in and making slot at head end so cylinterwise. In this manner any of the the middle to a right angle with the der can be removed by lifting at pul-As the harbor opens to view to the spaces between these many posts can same slant as ends are cut. Nail these ley and puling endways. Leave openeyes of the visitor it presents a beau- be opened to or closed against the wings onto the eight-cornered timber, ing at foot end of box for mortar to weather by merely pushing up the going round and round, making an drop through into a mortar box or on curtain and securing it or by unloos- auger like a conveyor auger in a mill a platform. Make a small hopper on and restful. Being completely sur- ing it with a light pull at a bow knot or threshing machine. This auger head end of box and close by placing should be about seven feet long. In a box large enough to hold a sack of Mats are then spread over the coral the middle of each end of the auger or cement. About half way to the other floor and the house is complete. It cylinder bore a hole for a short shaft; end place a barrel with faucet to sup-

in diameter, depending

TURNING WASTE INTO VALUE

io System of Farming Has Ever Been Successful Which Does Not Include Keeping of Live Stock.

(By J. E. PAYNE, Colorado Agricultural College.)

The history of the settlement of Western Kansas and Western Nekept milch cows were able to hold the shipping station. their claims and make themselves homes, while many of their neighbors who refused to be in partnership with the cow failed. This has been found true of the early settlers of Colorado and other states. Some people are able to get along without cows, but the chances are against the person

who makes the attempt. It seems to be one of the foundation principles of agriculture that no system can long be followed at a profit which does not make provision for returning to the land in some form the elements of fertility taken from it by the crops. So no system of farming has ever been successful for any great | drills; that is, drop four or five beans length of time in any climate which at spaces of about eight inches. The does not include the keeping of live advantage claimed is that better op stock as one of its important features. portunity is afforded for tillage, as the The successful man, be he manager of hoe can be worked with ease about s farm or a factory, is the man who the bills.

plans to turn waste products into

of a nature that market for it is ex. peared and my leg was as fine as the tremely limited. And some variety of day I was born. Now after a lapse of braska shows that the people who railroad as in the community joining 4 and Apr. 13, 1909."

The cow will furnish a home market for all the bulky feed which the farmer can raise, and will take it, delivered at his yard-paying about as much per ton as the care of her owner and his management will permit. The cream produced can be sold for cash. and the farm products will be marketed in concentrated form. What party. "Oh, madam," said she. "Ma would have required a four-horse team to take to market can be hauled to market, when reduced to cream, in s one-horse buggy.

value. Kaffir, milo, sorghum, millet, stock beets, stock melons, the straw from cura Resolvent in conjunction with grain, corn stalks and all other rough feed which is produced on the farm is ment, the trouble had entirely disapthis rough feed is produced in large six months with no signs of a recurquantities in every community every rence I feel perfectly safe in extendyear. So much is produced that it ing to you my heartfelt thanks for the the growers tried to sell it all directly good the Cuticura Remedies have done for cash, it would not bring enough to for me. I shall always recommend pay for hauling it to market. As them to my friends. W. H. White, much is produced forty miles from a 312 E. Cabot St., Philadelphia, Pa., Feb.

Try bush beans in hills and se whether you like the plan better than